

PATENT  
Attorney Docket No.: P00587-US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant : Alderson, K., et al .  
Title : AUXETIC MATERIALS

Assistant Commissioner for Patents  
Washington DC 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculating the Claim fees, please amend the above-identified patent application as follows:

In the Claims:

Cancel Claims 1- 31.

Enter the following new Claims:

32. An auxetic polymer material in which the material is in the form of filaments or fibers.
33. A method of forming an auxetic material comprising the steps of cohering and extruding a heated thermoformable particulate polymer material wherein cohesion and extrusion are effected during spinning to produce filamentary material having auxetic properties.
34. The method according to claim 33 wherein said method is performed substantially without any compaction or sintering stages separate to the extrusion with spinning process.
35. The method according to claim 33 wherein said method is performed substantially without any separate post-extrusion draw stage.